

Amendments to the Claims

1. (Currently amended) A computer readable medium having stored therein an object-oriented application program interface including a plurality of object-oriented object classes executable by a processor to allow input and output data to be communicated between applications, the computer readable medium comprising:

a first object-oriented object class for accepting input data into a on-a-Java-MIDlet within a MIDlet Suite from an application management system on a mobile information device, wherein the first object-oriented class accepts the input data when the MIDlet is invoked on the mobile information device, and wherein the input data is generated by a non-MIDlet application on the mobile information device; and ~~another MIDlet in another MIDlet Suite; and~~

a second object-oriented object class for setting output data from a MIDlet in a MIDlet Suite when the MIDlet is terminated on a mobile information device, wherein the output data is available to an application management system on the mobile information device and can be used by other applications.

2. (Currently amended) The computer readable medium of claim 1, ~~Claim 1~~ wherein the first object-oriented object class is a Java-Muglet object class.

3. (Currently amended) The computer readable medium of claim 2, ~~Claim 2~~ wherein the Java-Muglet object class includes at least one of a `getMediaType()`, `getContentType()`, `getMuglet()`, `getReferringURI()` and `getURI()` object-oriented methods.

4. (Currently amended) The computer readable medium of claim 1, ~~Claim 1~~ wherein the second object-oriented object class is a ~~Java~~-System object class.

5. (Currently amended) The computer readable medium of claim 4, ~~Claim 4~~ wherein the ~~Java~~-System object class includes a setExitURI() object-oriented method.

6. (Original) The computer readable medium of Claim 1 wherein the input data accepted by the first object-oriented object class and the output data set by the second object-oriented class includes a Uniform Resource Indicator (URI) scheme or an Internet media type.

7. (Original) The computer readable medium of Claim 1 wherein the output data set by the second object-oriented object class allows execution control to be returned to a previous context being used before the MIDlet was invoked.

8. (Cancelled)

9. (Currently amended) The computer readable medium of claim 1, ~~Claim 1~~ wherein the output data can be used by other non-MIDlet applications on the mobile information device.

10. (Original) The computer readable medium of Claim 1 wherein the output data can be used by other MIDlets in other MIDlet suites on the mobile information device.

11. (Cancelled)

12. (Original) The computer readable medium of Claim 1 wherein the mobile information device includes a mobile phone, personal digital assistant, or two-way pager.

13. (Currently amended) A method for exchanging output data between applications on a mobile information device, the method comprising:

executing a ~~Java 2 Micro Edition (J2ME)~~ MIDlet on a mobile information device,

wherein the MIDlet has an object-oriented method in an object-oriented object class available for setting output data from the a-MIDlet in a MIDlet suite; and

~~setting output data from the MIDlet before the MIDlet is terminated on the mobile information device,~~ using the object-oriented method in the object-oriented class to set output data from the MIDlet,

wherein the output data is available to an application management system on the mobile information device and ~~can be used by other MIDlets in other MIDlet Suites or to a non-MIDlet application applications~~ on the mobile information device.

14. (Currently amended) ~~The method of Claim 13 further comprising a~~ A computer readable medium having stored therein instructions executable by ~~for causing a~~ processor to perform the method of claim 13. ~~execute the steps of the method.~~

15. (Original) The method of Claim 13 wherein the object-oriented method includes a setExitURI() object-oriented method from a System object-oriented class available to MIDlets.

16. (Original) The method of Claim 13 wherein the mobile information device is a mobile phone, a personal digital assistant or a two-way pager.

17. (Currently amended) The method of claim 13, wherein the output data includes ~~Claim 13 wherein the step of setting output data includes setting output data including~~ a Uniform Resource Indicator (URI) scheme or an Internet media type.

18. (Original) The method Claim 13 wherein the output data allows execution control to be returned to a previous context being used before the MIDlet was invoked.

19. (Currently amended) A method for exchanging input data between applications on a mobile information device, the method comprising:

invoking a MIDlet from an application management system on a mobile information device;

wherein the MIDlet has a plurality of object-oriented methods in an object-oriented object class available for using input data created by a non-MIDlet application, and ~~other MIDlets; and~~

the MIDlet using one or more object-oriented methods in the object-oriented class to accept from the application management system the ~~accepting~~ input data created by ~~another the~~

~~non-MIDlet application from the application management system on the MIDlet using one or more of the plurality of object-oriented methods from the object-oriented class.~~

20. (Cancelled)

21. (Currently amended) ~~The method of Claim 19 further comprising a~~ A computer readable medium having stored therein instructions executable by ~~for causing a processor to perform the method of claim 19. execute the steps of the method.~~

22. (Original) The method of Claim 19 wherein the object-oriented object class includes a Muglet object-oriented class available to MIDlets with at least one of a getMediaType(), getContentType(), getMuglet(), getReferringURI() and getURI() object-oriented methods.

23. (Currently amended) The method of claim 19, wherein the input data created by the non-MIDlet application includes ~~Claim 19 wherein the step of accepting input data includes accepting input data including~~ a Uniform Resource Indicator (URI) scheme or an Internet media type.

24. (Cancelled)

25. (Currently amended) A method for invoking an application as an application handler on a mobile information device, the method comprising:

invoking a ~~Java 2 Micro Edition (J2ME)~~ MIDlet from an application management system on the mobile information device as a Muglet that acts as a MIDlet handler;

wherein the Muglet ~~MIDlet handler~~ includes a plurality of object-oriented methods in an object-oriented object class available for using input data created by a non-MIDlet application; ~~other MIDlets~~;

~~determining that the MIDlet handler was invoked as Muglet~~;

calling an object-oriented method in the object-oriented object class from the MIDlet handler to determine what type of input data will be processed by the MIDlet handler, wherein the object-oriented method returns a return value; and

processing the input data based on the return value by calling one or more other object-oriented methods in the object-oriented object class.

26. (Original) The method of claim 25, further comprising invoking another MIDlet from the MIDlet handler using the processed input data.

27. (Currently amended) ~~The method of Claim 25 further comprising a~~ A computer readable medium having stored therein instructions executable by ~~for causing a processor to perform the method of claim 25. execute the steps of the method.~~

28. (Original) The method of Claim 25 wherein the input data includes a Uniform Resource Indicator (URI) scheme or an Internet media type.

29. (Original) The method of Claim 25 wherein the calling step includes calling getMediaType() object-oriented method from a Muglet object-oriented object class available to MIDlets.

30. (Original) The method of Claim 25 wherein the processing step includes calling getMuglet(), getURI() or getReferringURI() object-oriented methods from a Muglet object-oriented object class available to MIDlets.

31. (Original) The method of Claim 25 wherein the MIDlet handler is a URI scheme or Internet media type handler.

32. (Currently amended) A computer readable medium having stored therein an object-oriented application program interface including a plurality of object-oriented object classes executable by a processor to allow input and output data to be communicated between applications on a mobile information device, the computer readable medium comprising:

a Muglet object-oriented object class for accepting input data into a ~~on a Java 2 Micro Edition (J2ME) MIDlet~~ within a MIDlet Suite from an application management system on a mobile information device, wherein the Muglet object-oriented object class accepts the input data when the MIDlet is invoked on the mobile information device, and wherein the input data is generated by another MIDlet in another MIDlet Suite; and

a System object-oriented object class for setting output data from the ~~the~~ MIDlet within the ~~the~~ MIDlet Suite when the MIDlet is terminated on the ~~the~~ mobile information device, wherein the output data is available to the ~~the~~ application management system on the mobile

information device and ~~can be used by other MIDlets in other MIDlet Suites or by other to a non-~~
MIDlet application.-applications.

33. (Original) The computer readable medium of Claim 32 wherein the input data accepted by the first object-oriented object class and the output data set by the second object-oriented object class includes a Uniform Resource Indicator (URI) scheme or an Internet media type.

34. (New) The method of claim 13, wherein the MIDlet is packaged within a MIDlet suite.